

FIG. 1
(PRIOR ART)

1. The input PCM signal is sampled at a rate of 44.1 kHz and quantized to 16 bits per sample.

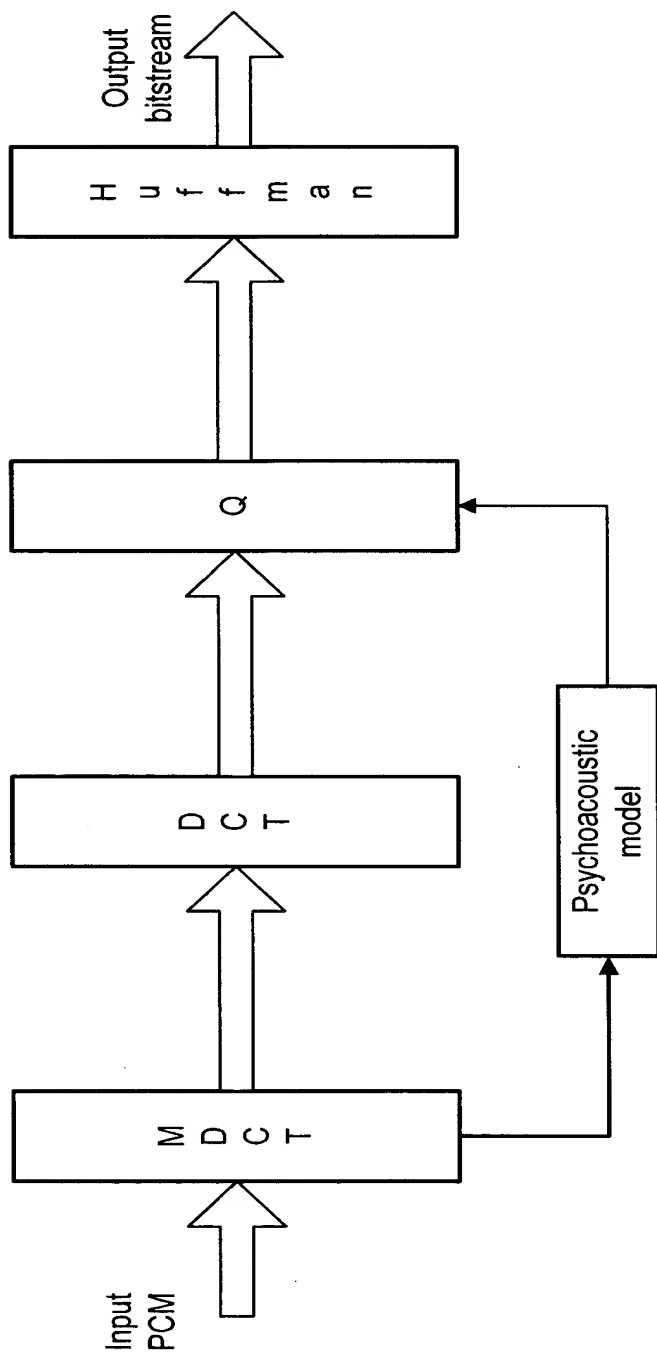


FIG. 2

FIG. 3 is a block diagram of a system 10 for processing input PCM data. The system 10 includes an input PCM block 100, an MDCT block 30, a psychoacoustic model block 50, a Q block 40, an INTDCT block 60, a Huffman block 70, and an output bitstream block 140. The input PCM block 100 provides input to the MDCT block 30. The MDCT block 30 provides output 110 to the Q block 40. The Q block 40 provides output 120 to the INTDCT block 60. The INTDCT block 60 provides output 130 to the Huffman block 70. The Huffman block 70 provides output 140 to the output bitstream block 140. The MDCT block 30 also provides output to the psychoacoustic model block 50. The psychoacoustic model block 50 provides output to the Q block 40. The INTDCT block 60 also provides output 122 to the psychoacoustic model block 50. The INTDCT block 60 also provides output 126 to a comparison device block 80. The comparison device block 80 provides output 124 to the INTDCT block 60.

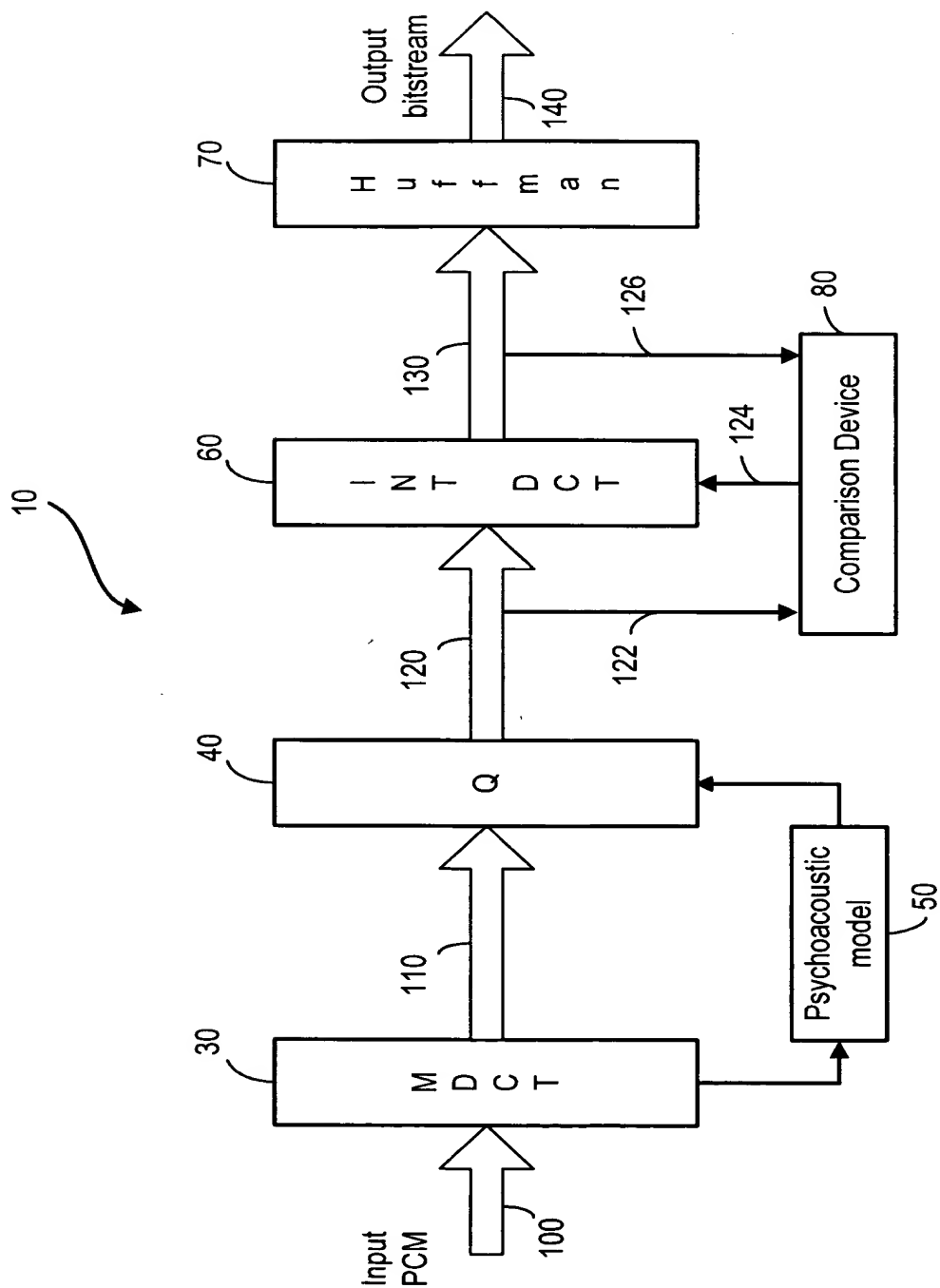


FIG. 3

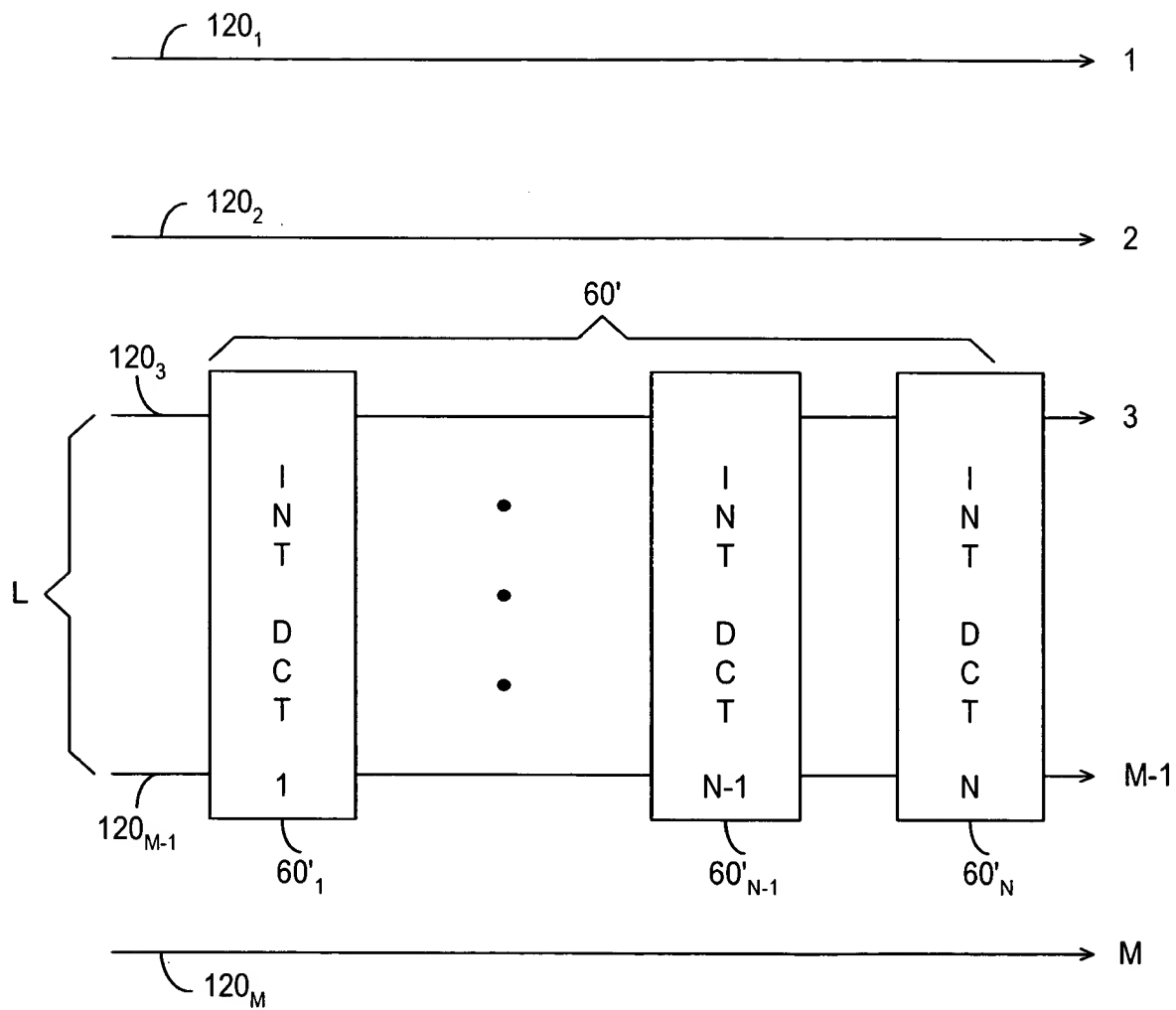


FIG. 4b

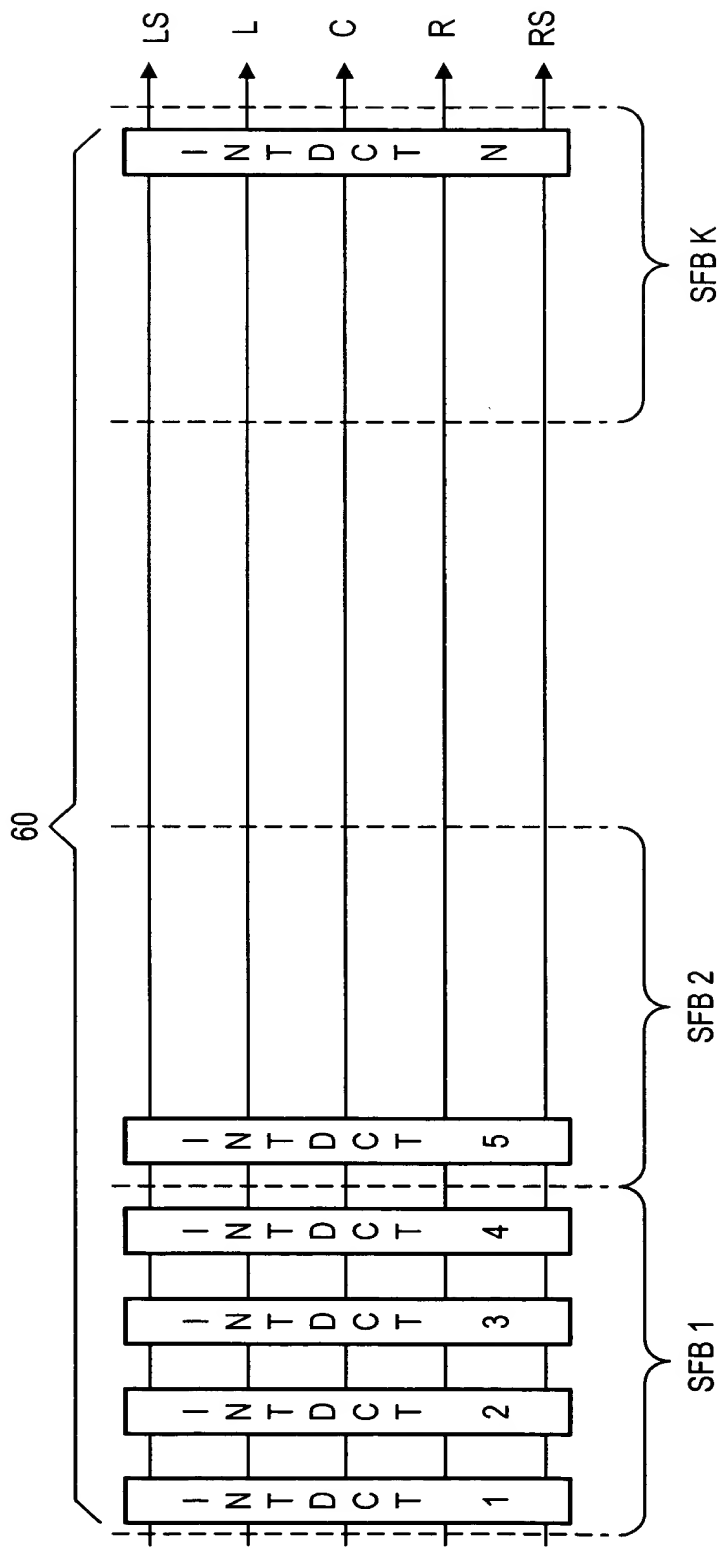


FIG. 4c

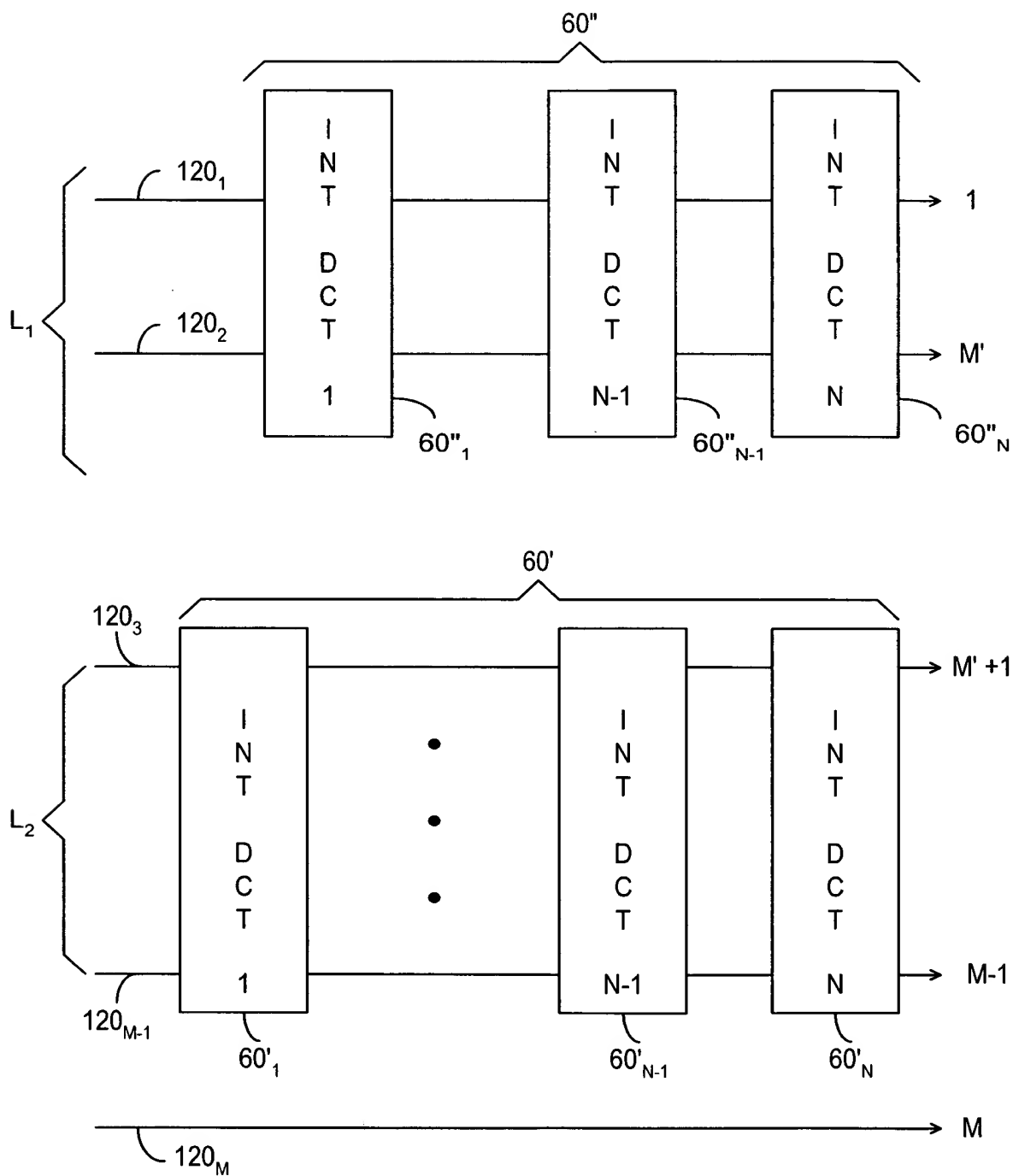


FIG. 4d

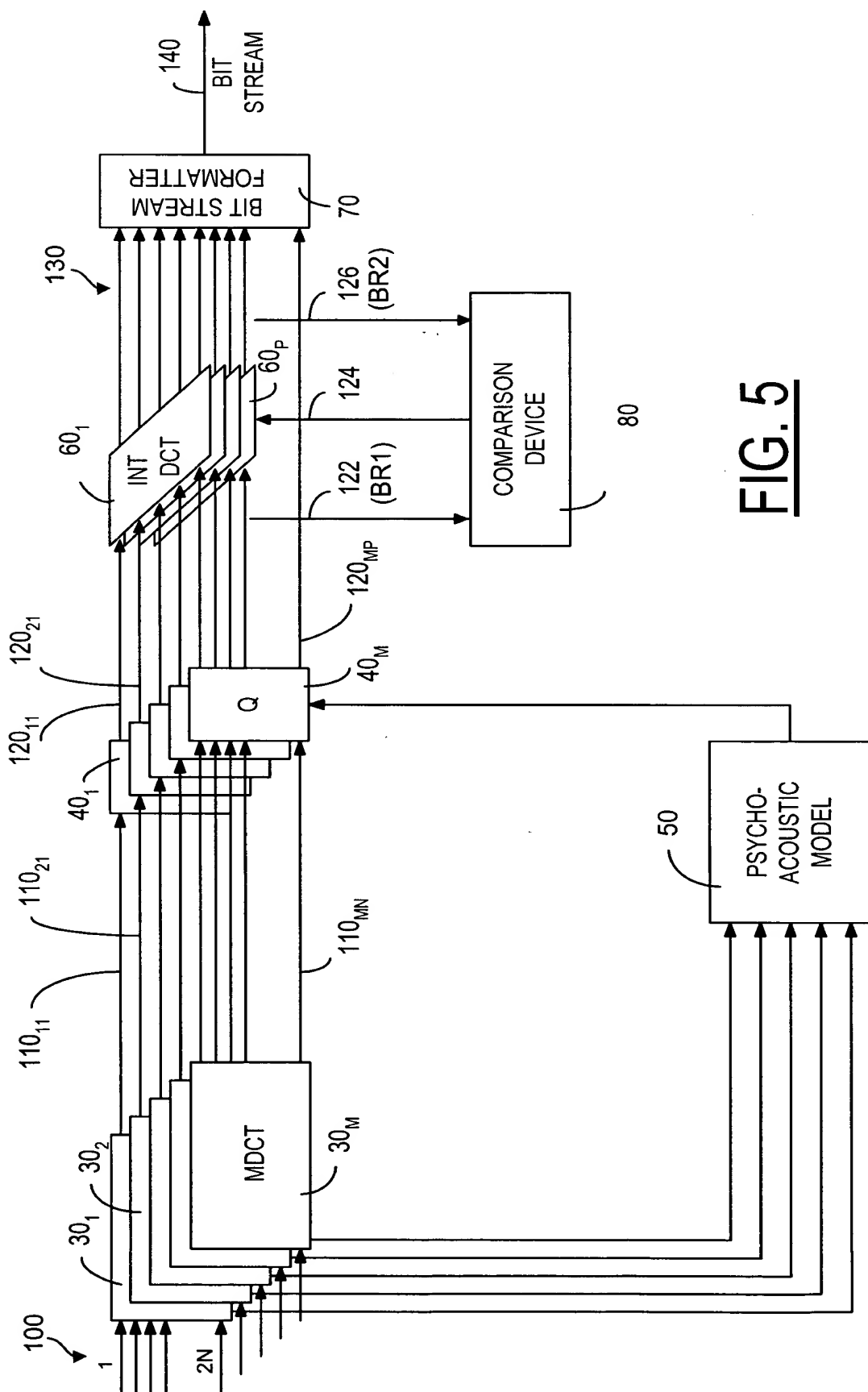


FIG. 5